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MCW Group & Axis helps Knowsley College to protect students and buildings across expanding campuses

Knowsley Community College is completing deployment of 263 Axis network IP Surveillance cameras across its two main campuses, called Roby College and Kirkby College, which are part of the expanding and successful Knowsley Community College, near Liverpool.

MCW Group Ltd of Wrexham won a competitive tender to supply and install Axis Surveillance cameras, integrating them back into the campus-wide network and configuring Milestone XProtect software to manage output from the cameras. A total of £5 million is being invested into the development of a new Management and Industrial Innovation Centre at the Kirkby College campus which will be home to the expanding higher education programme at Knowsley College. The Axis cameras will help to protect both staff, students and the college's investment.

MCW Group will record output from these cameras onto a total of six HP Proliant Servers. The servers have Xeon Dual Processors, four Giga Bytes (GB) of Random Access Memory (RAM), as well as redundant power supplies and cooling fans. Three servers are installed at each site. The plan is for each server to handle output from 46 cameras offering a maximum capacity of 276 cameras initially.

Each server will be connected via SCSI controllers to two 14 Hard Disc Drive (HDD) modular storage arrays delivering 300 GB per disc. This will mean each server will provide up to 9.6 Tera Bytes (TB) of storage across internal HDDs and the attached storage arrays. This storage is designed to provide capacity for 28 days of images collected and compressed at eight frames per second. Storage and event management will be controlled by the Milestone XProtect software suite.



A total of 146 network cameras will be deployed at the college's Roby site; whilst seven miles away at the college's Kirkby site an additional 117 network cameras will be deployed. A total of 263 Axis network cameras will be deployed across both sites.

The first phase of the project – configuration and installation of all servers, storage, switch infrastructure, cabling and cabinets was completed in November. The second phase, to be completed in February, will include installation of all Axis network cameras.

Kevin Williams Director of Technical Services, MCW Group, explained:

“We are very pleased to be carrying out such a significant implementation of Axis network cameras. It is proof positive of our expertise in the IP-Surveillance market which is now growing very rapidly.”

About MCW Group

The North West Based IT Communications Company supplies IT Support contracts, Comprehensive IT Security, Wireless and Data Cabling, LAN telephony and IP surveillance amongst many other services and is the regions preferred provider of technical systems.

The Company has been established over 23 years and has extensive experience in all aspects of IT and IP surveillance systems. MCW Group provides many services and IT solutions throughout the UK and has

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